Figure 1

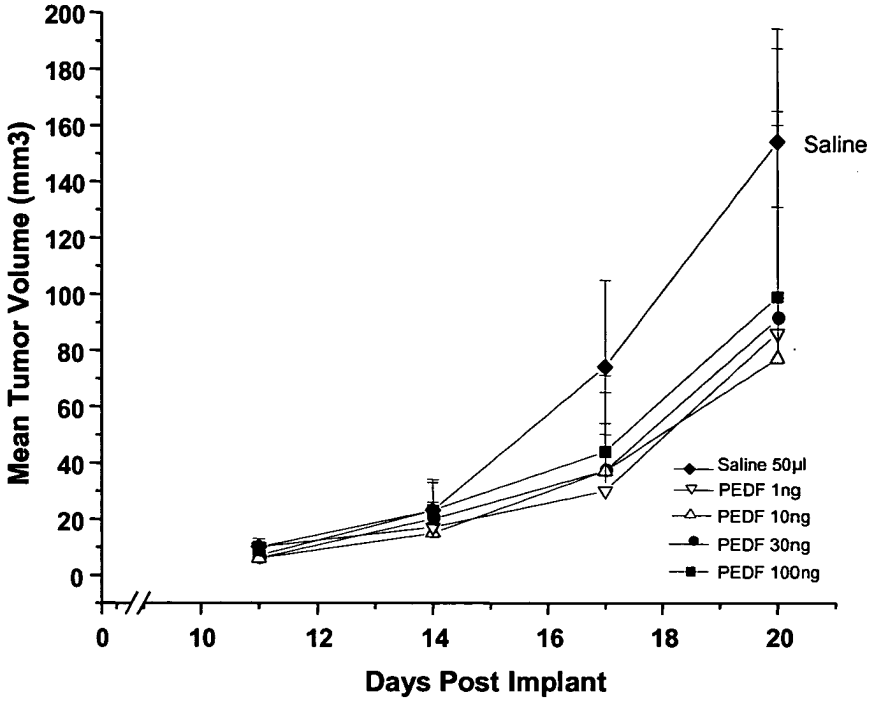

Figure 2

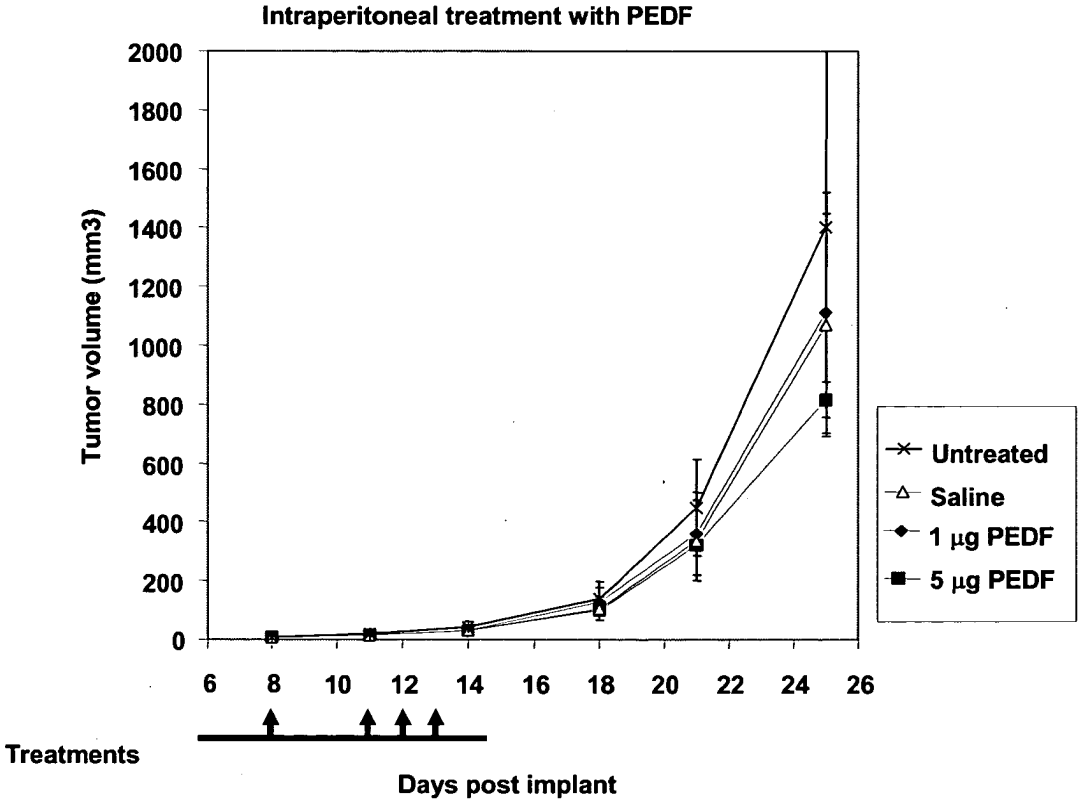

Figure 3

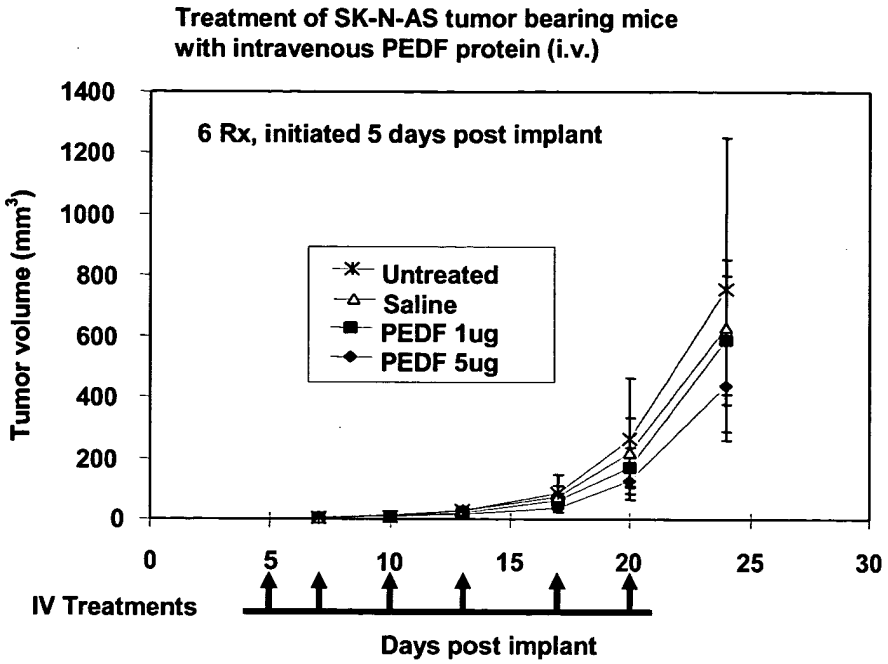

Figure 4

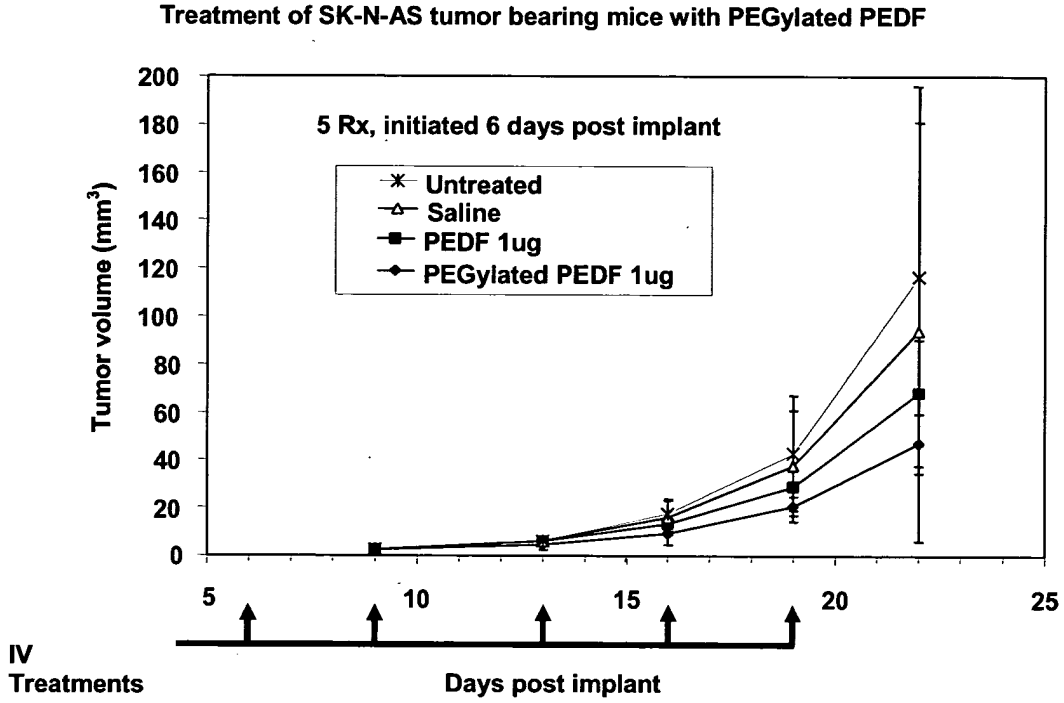

Figure 5

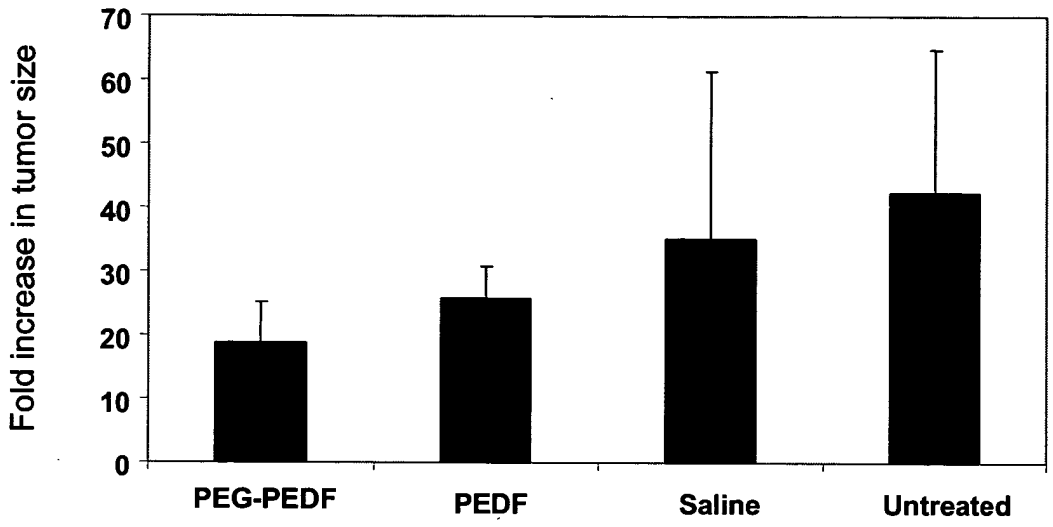
Fold increase in tumor size
70
60
50
40
30
20
10
0
PEG-PEDF
PEDF
Saline
Untreated

Figure 6

Human PEDF SEQ ID NO: 1

Signal sequence with predicted cleavage site
MQALVLLLCI GALLGHSSC/Q

1 NPASPPEEGS PDPDSTGALV EEEDPFFKVP VNKLAAAVSN FGYDLYRVRS

neurotropic activity and receptor binding

51 SMSPTTN***VLL SPLSVATALS ALSLGAEQRT ESIIHRALYY DLISSPDIHG***

Potential collagen binding domain

101 ***T***YKELLDTVT APQKNLKSAS RIVFEKKLRI KSSFVAPLEK SYGTRPRVLT

151 GNPRLDLQEI NNWVQAQMKG KLARSTKEIP DEISILLLGV AHFKGQWVTK

free cysteine

201 FDSRKTSLED FYLDEERTVR VPMMSDPKAV LRYGLDSDLS CKIAQLPLTG

251 SMSIIFFLPL KVTQNLTLIE ESLTSEFIHD IDRELKTVQA VLTVPKLKLS

301 YEGEVTKSLQ EMKLQSLFDS PDFSKITGKP IKLTQVEHRA GFEWNEDG***AG***

RCL in italics from P14 - P10'

351 ***TTPSPGLQPAHL/TFPLDYHL NQ***PFIFVLRD TDTGALLFIG KILDPRGP

L/T = P1 protease cleavage site

Figure 7

Human maspin - SEQ ID NO: 2

No canonical signal

1 MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLS LAQVGAKGDT

putative collagen binding domain

51 ANEIGQVLHF ENVKDIPFGF QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL

101 STEFISSTKR PYAKELETVD FKDKLEETKG QINNSIKDLT DGHFENILAD

151 NSVNDQTKIL VVNAAYFVGK WMKKFPESET KECPFRLNKT DTKPVQMMNM

201 EATFCMGNID SINCKIIELP FQNKHLSMFI LLPKDVEDES TGLEKIEKQL

251 NSESLSQWTN PSTMANAKVK LSIPKFKVEK MIDPKACLEN LGLKHIFSED

ER retention signal in RCL (KDEL)

301 TSDFSGMSET KGVALSNVIH KVCLEI***TEDG GDSIEVPGAR/ILQHKDELNA***

R/I = P1 protease cleavage site

351 DHPFIYIIRH NKTRNIIFFG KFCSP